

**Aero Design Ltd.****Work Order Control Sheet**Work Order#: 2017-20 Date Opened: 25 Jan 17 Title: AssemblyAircraft OEM: Eurocopter Aircraft Model: AS350/355 Product Type: Cargo Basket Product Model: Long Quantity: 1**Work Order Contents**

Work Order/Build Sheets (Procedures Provided)  
 Additional Work Sheets (Standard Practice)  
 Drawings (See List Below)  
 Parts Distribution Sheet  
 Sub Component Tags  
 Completed Certification  
 Time Sheet (R&D)  
 Notes

Initial or N/A

DB
N/A
DB
DB
N/A
JC
N/A
N/A

**Component Completion**

Quantity Complete on This Work Order  
 Quantity Incomplete on This Work Order  
 Further Processing Required Before Release  
 Release to Stock as Components

As Instructed

1
N/A
N/A
N/A

**Build Sheet Contents**

Tasks Initialled  
 Dual Inspections Initialled

Initial or N/A

JC
JC

**Certification**

Form One Completed  
 Serviceable (Green) Tag Completed  
 In Process (Yellow) Tag Completed  
 Unserviceable (Red) Tag Completed  
 Parts Placed in Stores for Distribution

Initial or N/A

JC
N/A
N/A
N/A
N/A

**Drawing List**

Drawing #	Rev #	Description	Initial or N/A
78410	2	Basket Assembly	DB
78427	2	Placard	DB
70405	4	Lid Walkway	DB
84255	2	Handle Installation	DB
84240	0	Lid Prop Installation	DB

**Additional Documentation**

Documentation of a minor change  
 Non-Conformance Report Required  
 Service Difficulty Report Required

Initial or N/A

N/A
N/A
N/A

**Billing**

Local (Aero Design)  
 Research and Development  
 Third Party

Initial or N/A

JC
N/A
N/A

**Traveller**

Install walkway on lid  
 Install lid on basket body  
 Re-tap mounting lug holes and install mount lugs  
 Install handle brackets  
 Install handle  
 Install lid prop  
 Install data plate

Initial or N/A

DB
DB
DB
DB
DB
DB
DB

Work performed by:

Print: D. BartfaiSign: [Signature]SCA: AD07Date: 01-Feb-17

ICC / Dual Inspection performed by:

Print: J. ClarkeSign: [Signature]SCA: AD02Date: 02-Feb-17


Work Order closed by:

Print: J. ClarkeSign: [Signature]SCA: AD02Date: 02-Feb-17

Approved Manufacturing Facility 73-04

Form 20.D.03

Rev. Original 23 Sep 2014

  
Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: N/A

Aircraft: Multiple

Model: Multiple

Description: 5 7/8" x 10' Aluminum Checkerplate .065"

Supplier: Daigle Marine

Color: N/A

WO#: N/A

PO# 16017



## **Aero Design Ltd.**

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity:

1

PN:

MS20001P4-9600

AirGate:

Multiple

Model: Multiple

Description:

Hinge

Supplier:

Bisco

Color:

N/A

WO#:

N/A

PO# 16030



## Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1  
PN: MS20001P4-9600  
Aircraft: All  
Description: Hinge  
Supplier: Bisco Industries  
Color: N/A  
WO#: N/A

Model: All

PO# 16030

## **CARGO BASKET ASSEMBLY - COMMON**

### **General**

These instructions apply to all cargo basket assemblies. Refer to the following drawings, at the current revision, for dimensions and details:

#### **Bell 206L/407 – Right side only**

69810, Revision 3 – Standard Low Mounted Basket

94510, Revision 0 – Extra-Wide Low Mounted Basket

94610, Revision 0 – Extra-Wide Low Mounted Ski Basket

76610, Revision 0 – High Mounted Ski Basket

#### **Eurocopter AS350/AS355 – left or right**

77610, Revision 1 – Short Basket

76410, Revision 3 – Medium Basket (left or right)

78410, Revision 2 – Long Basket

94010, Revision 0 – Extra Large (ski) Basket

#### **Robinson R44 – left or right**

90610, Revision 0 – Standard Basket (left or right)

#### **Bell 206B – right side only**

80210, Revision 0 – Short Basket

80310, Revision 0 – Medium Basket

81110, Revision 0 – Long Basket

#### **Bell 429 – right or left**

95911, Revision 0 – Standard Basket

#### **Bell Medium – left or right**

75111, Revision 0 – Standard Basket

95511, Revision 0 – Extra Large (ski) Basket

#### **MD600**

82811, Revision 0 – Standard Basket

#### **Options**

70405, Revision 3? – Lid Walkway



## CARGO BASKET ASSEMBLY - COMMON

Complete  
(initial or SCA #)

Work Order: \_\_\_\_\_

Date Open: \_\_\_\_\_

AD  
73-04  
07

### 1. Lid Assembly

- a. Install lid bumpers on bottom.
  - i. Fill bumper holes with RTV silicone sealant.
  - ii. Insert 49205-14 lid bumper, 3 or 4 places per lid.
- b. Install placard on bracket on top of lid.
  - i. Locate placard on bracket.
  - ii. Drill #30 through placard and bracket, using holes in placard.
  - iii. Remove placard and de-burr holes in placard and on bracket.
  - iv. Locate placard on bracket, and cleco in place.
  - v. Rivet placard with four CR3213-4-02 CherryMax rivets.
- c. Option: Install walkway on top of lid (lid must be fitted with walkway provisions)
  - i. Note: avoid touching surface of tread plate with bare hands to prevent smudges or marks on the top surface.
  - ii. Pull tread plate from stock. Shear tread plate to length.
  - iii. De-burr edges of tread plate with scotch-brite disc on die-grinder.
  - iv. Locate tread plate on lid. Hold tread plate in place with bags of lead shot.
  - v. Mark and drill #30 holes:
    1. 0.25" from edge of tread plate, centre on cross members (0.38")
    2. 0.25" from edge of tread plate, middle of each walkway stringer
  - vi. De-burr and counter-bore (if required to provide clearance of rivet head on checker pattern) all holes in tread plate using 1/4" piloted counter bore on both sides.
  - vii. De-burr holes in lid tubes.
  - viii. Apply bead of RTV silicone sealant along all tubes under tread plate.
  - ix. Set tread plate in place, secure with clecos if necessary.
  - x. Rivet placard with CR3213-4-02 CherryMax rivets
- d. Record PO/WO of all parts (including lid) used in steps above on attached material tracking list.

### 2. Body Assembly

- a. Install attachment fittings
  - i. Carefully remove excess powder coat from around attachment lug threads using a countersink.
  - ii. Run 3/8-24 tap into attachment lugs to clear threads.
  - iii. Apply anti-seize compound to attachment fittings 96710-01 (alternate: Ancra 40088-14)
  - iv. Install attachment fittings with two NAS1149F0363P washers in four lugs in basket.
    1. 90610 (Robinson R44) basket only:
      - a. Install 1 fitting 906?? in lower forward attachment lug only.
      - b. Install 3 96710-01 fittings in remaining locations.
  - v. Torque to ??

AD  
73-04  
07

- b. 946 Basket Only: Install Cutout Brace – *must be completed after hinge installation*
  - i. Locate 94621-01 Brace over aft cross tube cutout
  - ii. Install two AN4-6A bolts and two AN4-30A bolts with NAS1149F0463P washers.
  - iii. Torque AN4 bolts to ??
- c. Record PO/WO of all parts (including basket) used in steps above on attached material tracking list.

AD  
73-04  
07

## 3. Hinge Installation

- a. Prepare hinge.
  - i. Cut hinge to length:
    - 1. 776, 906 – 54"
    - 2. 751, 803 – 70"
    - 3. 698, 764, 945 – 72"
    - 4. 784 – 90"
    - 5. 940, 946, 959 – 95"
  - ii. Drill #30 pilot holes using hinge jig. For long hinges, flip at specified location on jig.
- b. Install hinge on basket
  - i. Locate hinge on basket (standard baskets)
    - 1. centre fore/aft
    - 2. 0.15" – 0.18" up from bottom edge
  - ii. Locate hinge on basket (extra wide baskets)
    - 1. centre fore/aft
    - 2. set hinge at 90 degrees (as if lid would be installed) using a small square, locate vertical side at 22.5" from outboard edge.
  - iii. Drill #30 through holes in hinge into basket rim. Cleco in place with 1/8 (copper) clecos.
  - iv. Drill holes up to #21 through hinge and rim. Replace 1/8 clecos with 5/32 (black) clecos.
  - v. Remove hinge and de-burr holes in hinge and basket rim.
  - vi. Cleco hinge to basket with 5/32 clecos.
  - vii. Install hinge with CherryMax rivets
    - 1. CR3523-5-02 monel rivets – last 2 rivets in each end
    - 2. CR3213-5-02 aluminum rivets – all other locations
- c. Install lid on basket
  - i. Locate lid on hinge (all baskets)
    - 1. center fore/aft
    - 2. 0.15" – 0.18" down from top edge
  - ii. Drill #30 through holes in hinge into lid rim. Cleco in place with 1/8 clecos.
  - iii. Drill holes up to #21 through hinge and rim. Replace 1/8 clecos with 5/32 clecos.
  - iv. Remove hinge and de-burr holes in hinge and lid rim.
  - v. Cleco lid to hinge with 5/32 clecos.
  - vi. Install hinge with CherryMax rivets
    - 1. CR3523-5-02 monel rivets – last 2 rivets in each end
    - 2. CR3213-5-02 aluminum rivets – all other locations



## CARGO BASKET ASSEMBLY - COMMON

Complete  
(initial or SCA #)

AD  
73-04  
07

- d. Record PO of hinge and rivets on attached material tracking list.

### 4. Install Handle

#### a. Install handle brackets.

- i. Set 84267-01 handle bracket on provisions in hoops, 2 places.
- ii. Install AN3-11A bolt, NAS1149F0363P washer (2), MS21044N3 nut. Two places per bracket, two brackets per basket.
- iii. Torque AN3 bolts to ??.

#### b. Install handle

- i. Trim 36278-01R and 36278-01L springs to ensure end of spring does not extend past edge of handle bracket, approximately 1/8". Set springs over bushing of 84261-01 handle assembly.
- ii. Grease two 36275-01 bushings with ??. Insert into bushings of handle assembly.
- iii. Locate handle on basket lid. Insert AN3-12A bolt with NAS1149F0363P through bracket on lid and handle bushing on one end of handle.
- iv. On other end of handle, hook spring over catch rivet on handle assembly and use spring tool to twist spring to catch arm on bracket on lid while inserting AN3-12A bolt with NAS1149F0363P washer through lid bracket and handle bushing.
- v. At first end, remove bolt and repeat step iv.
- vi. Install NAS1149F0363P washer and MS21044N3 nut on both AN3-12A bolts.
- vii. Torque AN3 bolts to ??.

#### c. Check handle

- i. Operate handle to ensure handle does not bind and springs hold handle in.
- ii. Snap handle into brackets to ensure handle locks.

- d. Record PO/WO of all parts used in steps above on attached material tracking list.

AD  
73-04  
07

### 5. Install lid brace

- a. Locate 36280-01 lid brace on bushing in basket. Ensure brace is on forward end of basket as it will be installed on the helicopter.
- b. On lid end, insert AN970-3 washer into end of lid brace. Insert AN3-15A bolt with NAS1149F0363P washer through AN970-3 washer, lid prop, and lid bushing. Install NAS1149F0363P washer and MS21044N3 nut on bolt.
- c. On basket end, insert AN3-17A bolt with AN970-3 washer through lid prop and basket bushing. Install NAS1149F0363P washer and MS2144N3 nut on bolt.
- d. Ensure brace is seated on lip of bushings before tightening nuts.
- e. Torque AN3 bolts to ??
- f. Record PO/WO of all parts used in steps above on attached material tracking list.



## CARGO BASKET ASSEMBLY - COMMON

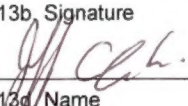
Complete  
(initial or SCA #)

ND  
73-04  
02

### 6. Final Inspection

Dual inspection by a different person than assembled the basket.

- a. Check for general condition and correct assembly:
  - i. Bolts are tight
  - ii. Rivets are installed correctly
  - iii. Handle operates correctly
  - iv. Lid brace operates correctly
- b. Check that PO/WO numbers have been recorded.

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No. <b>2017-0063</b>
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2017-21</b>
6. Item	7. Description <b>Long Cargo Basket</b>	8. Part Number <b>78410-01</b>	9. Qty. <b>1</b>	10. Serial/Batch No. <b>78401-64</b>	11. Status/Work <b>New</b>
12. Remarks <b>Modified with walkway on lid IAW DCL704</b>					
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature	
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mm/yyyy) <b>02 Feb 2017</b>		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

*Sundance Helicopters*

S/N 78401-63

Work Order: 2617-20Material Tracking Sheet  
Eurocopter AS350 / AS355  
Long Basket Assembly

1 of 2

Date Opened: 25 JAN 2017

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
	<u>1</u>		78410-01	<b>Cargo Basket Assembly</b>		
<b>Step 1</b>				<i>Lid Assembly</i>		
	. 1		78412-01	Basket Lid Assembly		<u>2016-49</u>
Step 1.a.	.. 4		49205-14	Bumper	Argus Industries Bumper	
	.. A/R		--	Sealant	Commercial Silicone RTV sealant	
Step 1.b.	.. 1		78427-01	Placard	0.063 Sheet, 6061-T6 Aluminum	<u>2015-03</u>
	.. 4		CR3213-4-02	Cherry Rivet		<u>16042</u>
Step 1.c.	. 1		70405-01	Lid Step Modification		
(option)	.. 1		70405-04	Tread Plate	3003 Aluminum Tread Plate, 0.063"	<u>16017</u>
	.. A/R		CR3213-4-02	Cherry Rivet		<u>16042</u>
	.. A/R		--	Sealant	Commercial Silicone RTV sealant	
<b>Step 2</b>				<i>Basket Assembly</i>		
Step 2.a.	. 1		78411-01	Basket Body Assembly		<u>2016-49</u>
	.. 4		96710-01	Fitting	Alternate: Ancra 40088-14	
	.. 8		NAS1149F0663P	Washer		
<b>Step 3</b>				<i>Hinge Installation</i>		
	. 1		MS20001P4	Piano Hinge	90"	<u>16030</u>
	. 8		CR3523-5-02	Cherry Rivet		<u>16003</u>
	. A/R		CR3213-5-02	Cherry Rivet		<u>16042</u>
<b>Step 4</b>	. 1		84255-01	<i>Handle Installation</i>		
Step 4.a.	.. 2		84267-01	Bracket	Delrin, 3/4" Sheet	<u>2016-37</u>
	.. 4		AN3-11A	Bolt		
	.. 8		NAS1149F0363P	Washer		
	.. 4		MS21044N3	Nut		

Work Order: 2017-20Date Opened: 25 JAN 2017Material Tracking Sheet  
Eurocopter AS350 / AS355  
Long Basket Assembly

2 of 2

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
Step 4.b.	.. 1		84261-01	Handle Assembly		2017-18
	.. 2		36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	
	.. 2		36275-01	Bushing	Brass, 5/16" Dia	
	.. 2		AN3-12A	Bolt		
	.. 4		NAS1149F0363P	Washer		
	.. 2		MS21044N3	Nut		
Step 5				Lid Brace Installation		
	. 1		36280-01	Brace Assembly		2016-145
	. 1		AN3-15A	Bolt		
	. 1		AN3-17A	Bolt		
	. 2		AN970-3	Washer		
	. 3		NAS1149F0363P	Washer		
	. 2		MS21044N3	Nut		
Step 6				Inspection	None	





Description: Basket Assembly Kit

WO#

Approved Manufacturing Facility 73-04

Form 20.F.06

Rev. Original 27 May 2013

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	INCREASE LOAD TO 250 LBS / 113 KG	BJC	27/01/2010
2	UPDATE TITLE BLOCK; UPDATE ADDRESS AND LOGO; MAT'L THICKNESS CHANGED	BJC	10/07/2014

# NOTES

- ENGRAVE 0.007 DEEP AS FOLLOWS:  
"QUICK RELEASE BASKET" - 0.125 HIGH  
"EUROCOPTER AS350 & AS355 SERIES" - 0.080 HIGH  
"S/N 78401-XX" - 0.080 HIGH  
"MAXIMUM PERMISSIBLE LOAD" - 0.125 HIGH  
"250 LBS/113 KG" - 0.200 HIGH  
"AERO DESIGN LTD." - 0.125 HIGH  
"POWELL RIVER, BC, CANADA" - 0.080 HIGH  
"www.aerodesign.ca" - 0.080 HIGH


DRILL #30 (0.129)  
4 PLACES



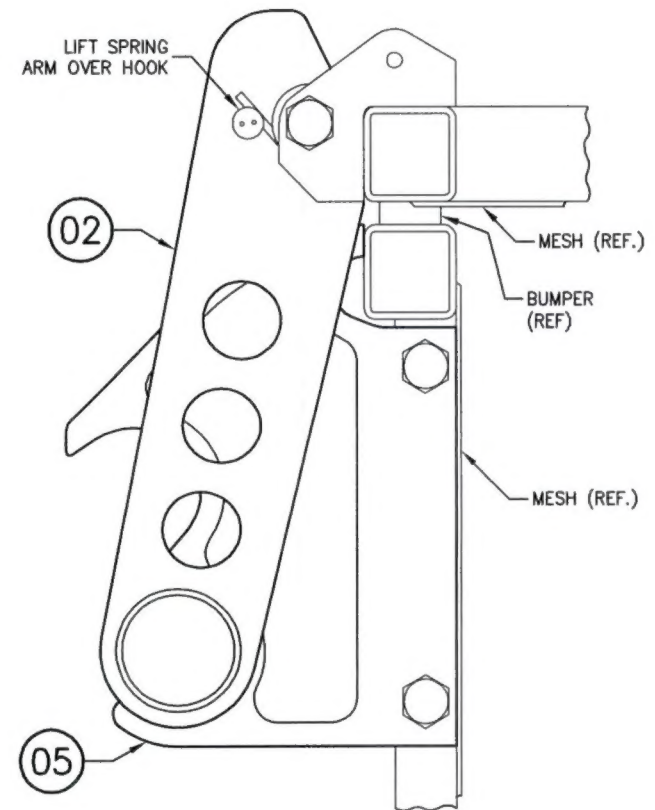
01 PLACARD

78427-01	01	PLACARD	6061-T6 ALUMINUM	QQ-A-250/11	0.050 SHEET
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE

## LIST OF MATERIALS

<small>THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.</small>	<b>APPROVALS</b>		<b>DATE</b>		 <b>AERO DESIGN LTD.</b> 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 604.483.2376 www.aerodesign.ca	
	DRAWN: R. RATHWELL		18 FEB 08			
	CHECKED: E. BURGAIN					
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2" X.XX ±0.03 X.X ±0.1				EUROCOPTER AS350 & AS355 SERIES QUICK RELEASE CARGO BASKET PLACARD	
	SCALE 1 : 1 SHEET 1 OF 1		DWG. SIZE A4		DWG. NO. 78427	
				REV. 2		

1. THIS DRAWING IS AN ALTERNATE CONFIGURATION FOR THE HANDLE INSTALLATION SHOWN ON DRAWING 36255.
2. GREASE BUSHING (ITEM 04) USING MOBILGREASE 28 OR EQUIVALENT PRIOR TO INSTALLATION.



## ① HANDLE INSTALLATION

A/R	MOBILGREASE 28		GREASE	MIL-PRF-81322F
4	AN3-11A		BOLT	
2	AN3-12A		BOLT	
10	NAS1149F0363P		WASHER	
6	MS21044N3		NUT	
2	84267-01	05	BRACKET	
2	36275-01	04	BUSHING	
2	36278-01	03	SPRING (1 LH, 1 RH)	
1	84261-01	02	HANDLE BAR ASSEMBLY	
	84255-01	01	HANDLE INSTALLATION	
01	PART NO.	ITEM	DESCRIPTION	MATERIAL
QTY.	LIST OF MATERIALS			

APPROVALS	DATE
DRAWN: JEFF CLARKE	03 NOV 2009
CHECKED: E. BURGAIN	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ON:

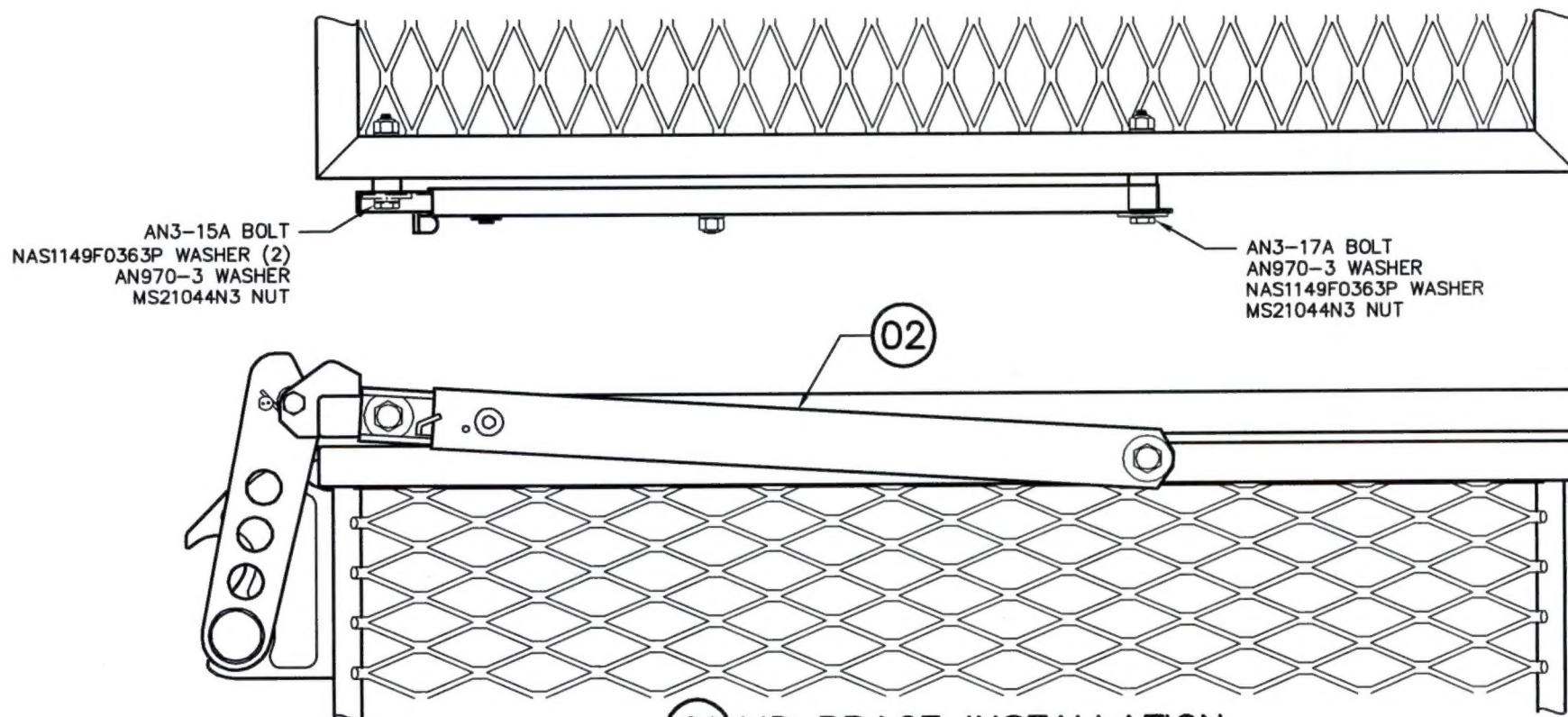
DECIMALS	ANGLES
X.XXX ±0.010	±1/2°
X.XX ±0.03	
X.X ±0.1	

	<b>AERO DESIGN LTD.</b> 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G5 TEL: 804.483.2378      www.aerodesign.ca		
	HELICOPTER CARGO BASKET HANDLE BAR INSTALLATION		
SCALE 1 : 1  SHEET 1 OF 1	DWG. SIZE  <b>A3</b>	DWG. NO.  <b>84255</b>	REV.  <b>2</b>




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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE	*	*

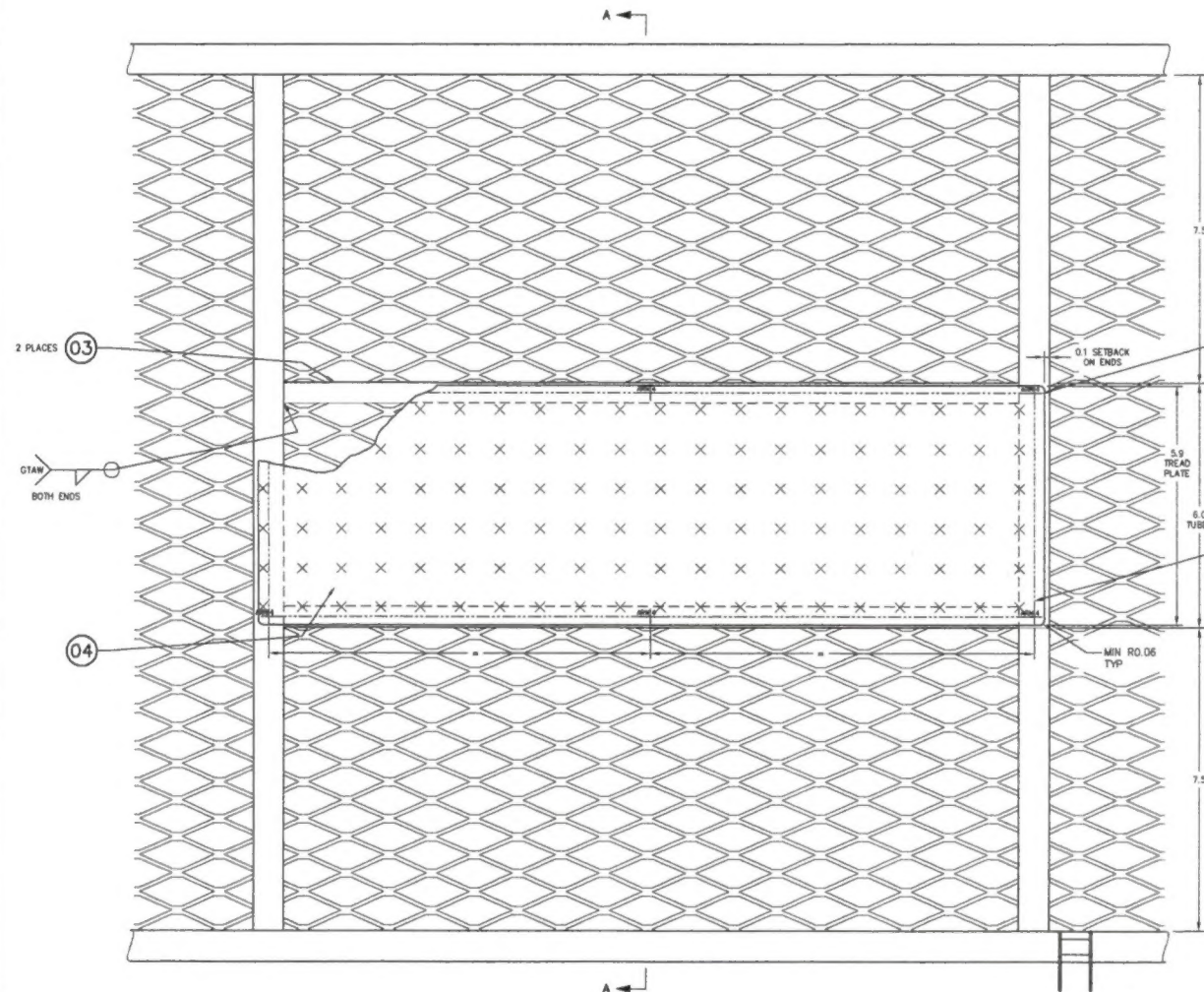


#### NOTES

1. THIS DRAWING APPLIES TO ALL AERO DESIGN LTD. CARGO BASKET ASSEMBLIES.  
LID PROP IS TO BE INSTALLED ON THE FORWARD END OF THE BASKET AS INSTALLED ON THE HELICOPTER.

2	MS21044N3		NUT	APPROVALS	DATE		<b>AERO DESIGN LTD.</b> 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 604.463.2376      www.aerodesign.ca			
3	NAS1149F0363P		WASHER	DRAWN: JEFF CLARKE	21 MAY 2014					
2	AN970-3		WASHER	CHECKED: JASON REKVE	21 MAY 2014					
1	AN3-17A		BOLT							
1	AN3-15A		BOLT	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS      ANGLES X.XXX ±0.010      ±1/2" X.XX ±0.03 X.X ±0.1		<b>HELICOPTER CARGO BASKET</b> <b>ALL MODELS</b> <b>LID BRACE INSTALLATION</b>				
1	36280-01	02	LID BRACE ASSEMBLY							
1	84240-01	01	LID BRACE INSTALLATION							
01	PART NO.	ITEM	DESCRIPTION			NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.	
QTY.	LIST OF MATERIALS					SHEET 1 OF 1	A4	84240	0	





01 BASKET LID ASSEMBLY

SECTION A-A

REV	DESCRIPTION OF CHANGE	INITIALS	DATE
1	ADD BELL MEDIUM AND EUROCOPTER AS330 BASKETS, CHANGE TUBES	BJC	MAR 19/08
2	ADD EUROCOPTER EC135, MCCONNELL DOUGLAS MD600N, BELL 206B BASKETS	BJC	DEC 4/08
3	ADD NEW AS330 AND 206L/407 MODELS	BJC	DEC 4/08
4	TITLE BLOCK UPDATED; MODEL LIST REMOVED; ADD ALT. RIVET; ADD NOTE 7	BJC	29/05/2014

NOTES:

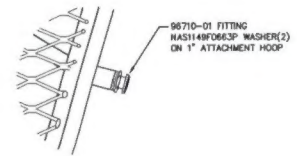
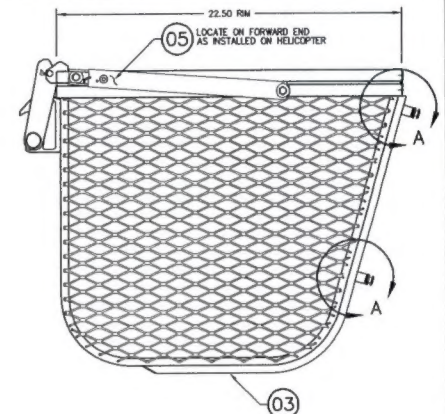
1. THIS DRAWING IS AN OPTIONAL CONFIGURATION ADDING A TREAD PLATE STEP TO THE LD. THIS CONFIGURATION MAY BE APPLIED TO ANY OR ALL BAYS OF THE LD. REMAINDER OF LD ASSEMBLY IS TO BE FABRICATED IN ACCORDANCE WITH THE APPLICABLE DRAWINGS.
2. TUBES (ITEM 03) MUST BE WELDED IN PLACE BEFORE MESH IS WELDED ON BOTTOM.
3. REMOVE ALL BURRS AND BREAK SHARP EDGES.
4. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2855C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
5. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
6. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY. INSTALL TREAD PLATE AFTER POWDER COATING.
7. WIDTH AND POSITION OF LD STEP MAY BE ADJUSTED TO MATCH LD DOOR INSTALLED IN ACCORDANCE WITH DRAWING 70402 ON ADJOINING BAY OF THE LD.

A/R	CR3213-4-02	BLIND RIVET	ALTERNATE: HR3213-4-02	
1	70405-04	04 TREAD PLATE	ALUMINUM	COMMERCIAL
2	70405-03	03 TUBE	4130 STEEL COND. N	MIL-T-8736
1	SEE NOTE 1	02 BASKET LID ASSEMBLY		
01	70405-01	01 BASKET LID ASSEMBLY - MODIFIED WITH STEP		
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC
QTY				STOCK SIZE

BASIC CODE REF. HAS 523 C=COUNTERSINK D=DIMPLE DIGIT # OF SHEETS TO BE DIMPLED BASIC CODES: BJ = MS20470AD BB = MS20426AD ARN = CR3213 ARN = CR3212		DASH NO. FOR DIAMETER N=MFD. HEAD NEAR SIDE F=MFD. HEAD FAR SIDE DASH NO. FOR LENGTH + INSTALL NEW RIVET + REPLACE RIVET - EXISTING RIVET		APPROVALS DRAWN: JEFF CLARKE 21 SEPT 2008 CHECKED: E. BURCOON UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1		DATE 21 SEPT 2008	
AERO DESIGN LTD. 8888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 854.480.3376 www.aerodesign.ca				CARGO BASKET LD STEP MODIFICATION			
SCALE 1:1.5 SHEET 1 OF 1		DWG. SIZE A1		DWG. NO. 70405		REV. 4	

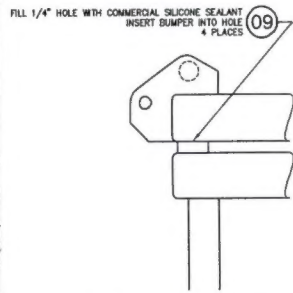


REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	CHANGED HANDLE CONFIGURATION, REMOVED ALTERNATE BASKET	BJC	27/01/2010
2	UPDATE TITLE BLOCK; ADD ALTERNATE RIVETS; HARDWARE P/N'S UPDATED; HINGE LENGTH; CHANGE BRACE ASSEMBLY TO INSTALLATION	BJC	10/07/2014

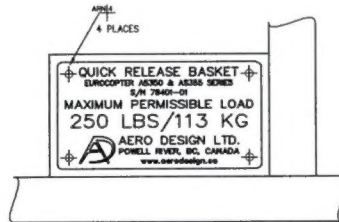


SCALE 1 : 2  
TYPICAL UPPER AND LOWER, FRONT AND REAR

NOTE:  
1. ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. DIMENSIONS OF COMPONENTS AND COMPLETE ASSEMBLY ARE DETERMINED IN PREVIOUS STEPS.




## BUMPER INSTALLATION



SCALE 1 : 1  
LOOKING AT PLACARD BRACKET

A/R	NA51149F0663P	WASHER				
4	96710-01	PITTING	ALTERNATE: ANGRA 4008B-14			
B	CR3523-5-02	CHERRY RIVET	ALTERNATE: HUCKMAX HP3523-5-02			
A/R	CR3213-5-02	CHERRY RIVET	ALTERNATE: HUCKMAX H8323-5-02			
4	CR3213-4-02	CHERRY RIVET	ALTERNATE: HUCKMAX HR3213-4-02			
4	49205-14-08	BUMPER	ARGUS INDUSTRIES			
1	78427-01	DB PLACARD				
1	84255-01	07 HANDLE BAR INSTALLATION				
A/R	MS20001P4	06 PLANO HINGE			90.0 LONG	
1	84240-01	05 LD BRACE INSTALLATION				
1	78412-01	04 LID ASSEMBLY				
1	78411-01	03 BASKET BODY ASSEMBLY				
		02				
	78410-01	01 CARGO BASKET ASSEMBLY				
Q1	PART NO	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
LIST OF MATERIALS						

BASIC CODE REF. HAS 523		DASH NO. FOR DIAMETER N=INT. HEAD NEAR SIDE F=INT. HEAD FAR SIDE		APPROVALS DRN: R. RATHWELL 19 FEB 68 CHECKED: E. BURGON		DATE		 <b>AERO DESIGN LTD.</b> 6808A MALAYSIA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 804-483-3576 www.aerodesign.ca	
C=COUNTERSINK D=DIMPLE DIGIT# OF SHEETS TO BE DIMPLED		DASH NO. FOR LENGTH		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		<b>EUROCOPTER AS350 &amp; AS355 SERIES</b> <b>QUICK RELEASE SKI BASKET</b> <b>SKID ASSEMBLY (LONG)</b>			
BASIC CODES: SJ=M520470AD SM=M52048AD ARN=CR3213 ATM=CR3523		+ ⊕ INSTALL NEW RIVET + ⊕ REMOVE/REPLACE RIVET - ⊖ EXISTING RIVET		DECIMALS X.XX ±0.010 X.XX ±0.03 X.X ±0.1		ANGLES ±1/2°		DWG. SIZE: 1 SCALE 1 OF 4 A1 78410 2	